

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings of claims presented in the application.

Claim 1 (Currently amended): A soft magnetic material used to make powder magnetic cores comprising:

a plurality of composite magnetic particles formed from a metal magnetic particle and an insulative coating surrounding a surface of said metal magnetic particle and containing metallic salt phosphate ~~and/or oxide as well as~~ [[;]]

a lubricant formed as fine particles added at a proportion of at least 0.001 percent by mass and no more than 0.1 percent by mass relative to said plurality of composite magnetic particles; and

said lubricant formed as fine particles having a mean particle diameter of no more than 2.0 microns.

Claim 2 (Canceled)

Claim 3 (Original): A soft magnetic material according to claim 1, wherein said lubricant formed as fine particles includes a metallic soap and/or inorganic lubricant with a hexagonal crystal structure.

Claim 4 (Previously presented): A soft magnetic material according to claim 1 wherein a proportion of said lubricant formed as fine particles relative to said plurality of composite magnetic particles is at least 0.001 percent by mass and no more than 0.025 percent by mass.

Claim 5 (Previously presented): A soft magnetic material according to claim 1 further comprising a thermoplastic resin interposed between said plurality of composite magnetic

particles at a proportion of at least 0.001 percent by mass and nor more than 0.1 percent by mass relative to said plurality of composite magnetic particles.

Claim 6 (Original): A powder magnetic core made using a soft magnetic material according to claim 1.

Claim 7 (Original): A powder magnetic core according to claim 6 wherein a fill rate (density) is at least 95 percent.

Claim 8: (New): A soft magnetic material according to claim 1, wherein said lubricant formed as fine particles includes a metallic soap.

Claim 9: (New) A soft magnetic material used to make powder magnetic cores comprising:

a plurality of composite magnetic particles formed from a metal magnetic particle and an insulative coating surrounding a surface of said metal magnetic particle and containing an oxide selected from the group consisting of silicon oxide, titanium oxide, aluminum oxide and zirconium oxide or alloys thereof;

a lubricant formed as fine particles added at a proportion of at least 0.001 percent by mass and no more than 0.1 percent by mass relative to said plurality of composite magnetic particles; and

said lubricant formed as fine particles having a mean particle diameter of no more than 2.0 microns.

Claim 10 (New): A soft magnetic material according to claim 9, wherein said lubricant formed as fine particles includes a metallic soap and/or inorganic lubricant with a hexagonal crystal structure.

Claim 11 (New): A soft magnetic material according to claim 9 wherein a proportion of said lubricant formed as fine particles relative to said plurality of composite magnetic particles is at least 0.001 percent by mass and no more than 0.025 percent by mass.

Claim 12 (New): A soft magnetic material according to claim 9 further comprising a thermoplastic resin interposed between said plurality of composite magnetic particles at a proportion of at least 0.001 percent by mass and nor more than 0.1 percent by mass relative to said plurality of composite magnetic particles.

Claim 13 (New): A powder magnetic core made using a soft magnetic material according to claim 9.

Claim 14 (New): A powder magnetic core according to claim 13 wherein a fill rate (density) is at least 95 percent.